

MAINTENANCE



ECO DESCALER

CONCENTRATED ACID-BASED CHELATING SCALE REMOVER

DESCRIPTION

ECO DESCALER is a specialized acid based product that will successfully remove heavy rust and scale, humus, algae & shellfish (mussels etc.), lime and other deposits in pipes, heat exchanges, centrifuge pumps and operating water systems for purifiers. In case a coolant system is fouled and plugged, the "dirt" will not be successfully removed only by flushing with plain water. **ECO DESCALER** will remove contamination without harming the metal surfaces, gaskets, hoses or plastic parts of a heavy-duty cooling system. It works quickly and effectively saving cost-intensive downtime. This product is also better at removing oil and fuel fouling than alkaline cleaners.

APPLICATION

ECO DESCALER is used for cleaning heavy rust and scale, humus, algae & shellfish (mussels etc.), magnetite, lime and other deposits and also oil, grease & fuel.

USE AND DOSING

For Cooling Systems:

1. Drain the cooling system, dispose of used coolant and backflush the system.
2. Add 1 litre of **ECO DESCALER** for each 10-15 litre of cooling system capacity and fill the system with plain water. Always add the product to water, never the reverse.
3. Turn heater temperature switch to high to allow maximum coolant flow through heater core. Blower does not need to be turned on.
4. Run the engine at normal operating temperature for 2 hours.
5. Drain and flush the system with plain water and change your water filter if required.
6. Refill the system with coolant.

The performance of **ECO DESCALER** depends on time, temperature and concentration levels. An extremely scaled or flow restricted system, for example, may require higher concentrations of cleaners, higher temperatures, or longer cleaning time. **ECO DESCALER** can be used safely up to twice the recommended concentration levels. Extremely scaled or fouled systems may require more than one cleaning. Maximum recommended engine running time with any type of cleaner in the cooling system is 3 hours. Any prolonged usage may cause damage to system elastomers and corrode system soft metals.

PRODUCT PROPERTIES

Always test all cleaner solutions on a small area of the object to be cleaned, before full scale application. General Instructions: Avoid spillage, splashing and mishandling. Precautionary measures for body protection are strongly recommended before and during use.

Appearance:	Liquid	pH (undiluted):	Acidic
Type:	Water based	Flash Point:	None

- ✓ Removes heavy corrosion, scale deposits and oil contamination
- ✓ Cleans cooling systems without leaving a film on heat transfer surfaces
- ✓ Does not harm metal surfaces, gaskets, hoses or plastic parts

PROBLEMS SOLVED

- ✓ Rust
- ✓ Scale
- ✓ Humus, algae & shellfish (mussels etc.)
- ✓ Lime and other deposits
- ✓ Oil, grease & fuel

APPLICATION AREAS

- ✓ Coolant systems
- ✓ Piping systems
- ✓ Heat exchangers
- ✓ Centrifugal pumps
- ✓ Operating water systems for purifiers

PRODUCT CODE: MC 158

For detailed information on safety and health, please refer to Material Safety Data Sheet and/or Product Label.

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